

L24 ANSWER 371 OF 373 CROPU COPYRIGHT 2003 THOMSON DERWENT

ACCESSION NUMBER: 1998-89883 CROPU Q G

TITLE: Evaluation of **butanone**, carbon dioxide, and 1-octen-3-ol as **attractants** for **mosquitoes** associated with north central Florida bay and cypress swamps.

AUTHOR: Kline D L; Mann M O

CORPORATE SOURCE: USDA-ARS

LOCATION: Gainesville, Fla., USA

SOURCE: J.Am.Mosq.Control Assoc. (14, No. 3, 289-97, 1998) 4 Fig. 6 Tab. 24 Ref.

CODEN: JAMAET

AVAIL. OF DOC.: United States Department of Agriculture, Agricultural Research Service, Center for Medical, Agricultural and Veterinary Entomology, PO Box 14565, Gainesville, FL 32604, U.S.A.

DOCUMENT TYPE: Journal

LANGUAGE: English

#### ABSTRACT:

Responses of **mosquitoes** to **attractants** were studied in north central Florida bay and cypress swamps in 1991-93. A single, vacuum trap was set out at each site, with **attractants** released from near the inlet. Responses to traps baited with CO<sub>2</sub> (200 ml/min) and/or light, different CO<sub>2</sub> release rates (2, 20, 100, 200 or 2000 ml/min), and to **butanone** (0.97 mg/hr) or 1-octen-3-ol (octenol) (2.2 mg/hr) alone or + CO<sub>2</sub> (200 ml/min) were compared in 3 trials. For most **mosquito** species, captures with light were greatly increased by the addition of CO<sub>2</sub>. Few species were **\*\*\*attracted\*\*\*** to octenol alone, but a synergistic effect was observed with octenol + CO<sub>2</sub> for most *Aedes*, *Psorophora*, *Anopheles*, *Coquillettidia* and *Mansonia* spp., although many *Culex* sp. showed little **attraction** to octenol, alone or with CO<sub>2</sub>. **Butanone** increased responses of some species, but decreased captures of *Culiseta melanura*.

#### ABSTRACT EXTENSION:

In 1991, studies were carried out in or around a red maple/sweet bay swamp, where domestic animals were kept, and in 1992-93, studies were carried out in an area of pond cypress swamp, without any domestic animals in the vicinity. A single Model 515, CDC-type battery-powered trap was suspended from a metal pole, about 1.5 m above the ground at each site. **Mosquitoes** were sucked into the trap, and blown into a collecting jar containing a dichlorvos-impregnated strip. Octenol and **butanone** were released from glass vials a plastic lid and neoprene septum and wick, and CO<sub>2</sub> was released from a compressed gas cylinder with a micrometering valve. Catch rates were recorded over 2-3 nights, in March and April. The main species captured with CO<sub>2</sub> were: *Aedes dupreei*, *Anopheles perplexens*, *Culiseta melanura*, *Culex erraticus* and *Mansonia titillans*). CO<sub>2</sub> elicited a response from all species studied, especially with light. CO<sub>2</sub> + octenol had a synergistic effect, but only *Aedes atlanticus* and *Ae. canadensis* responded to octenol in large numbers. Octenol also repelled *Cs. melanura*. **Butanone**+ CO<sub>2</sub> increased responses of *Ae. infirmatus*, *Cx. salinarius*, *Coquillettidia perturbans* and *Psorophora ferox*, but decreased responses of *Cs. melanura*. Other species captured were: *Aedes fulvens pallens*, *Ae. mitchellae*, *Ae. sticticus*, *Ae. vexans*, *Anopheles crucians*, *An. punctipennis*, *An. quadrimaculatus*, *Culex nigripalpus*, *Cx. pilosus*, *Cx. restuans*, *Ps. ciliata*, *Ps. columbiae* and *Uranotaenia sapphirina*.

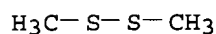
SUBJECT HEADING: Q Chemosterilants  
G Galenics

CONTROLLED TERM:

AEDES \*TR; FULVENS \*TR; PALLENS \*TR; CANADENSIS \*TR;  
INFIRMATUS \*TR; MITCHELLAE \*TR; VEXANS \*TR; STICTICUS \*TR;  
DUPREEI \*TR; ATLANTICUS \*TR; ANOPHELES \*TR; PUNCTIPENNIS \*TR;  
CRUCIANS \*TR; QUADRIMACULATUS \*TR; PERPLEXENS \*TR;  
COQUILLETTIDIA \*TR; PERTURBANS \*TR; CULEX \*TR; ERRATICUS \*TR;  
CULISETA \*TR; MELANURA \*TR; PILOSUS \*TR; RESTUANS \*TR;  
NIGRIPALPUS \*TR; SALINARIUS \*TR; MANSONIA \*TR; TITILLANS \*TR;  
PSOROPHORA \*TR; CILIATA \*TR; COLUMBIAE \*TR; FEROX \*TR;  
URANOTAENIA \*TR; SAPPHIRINA \*TR; CULICIDAE \*TR; DIPTERA \*TR;  
**INSECT-ATTRACTANT** \*FT; VACUUM \*FT; TRAP \*FT;  
MONITORING \*FT; OCCURRENCE \*FT; POPULATION-DENSITY \*FT;  
SINGLY \*FT; COMB. \*FT; RELEASE-RATE \*FT; DOSAGE \*FT;  
SYNERGISM \*FT; FIELD \*FT; FLA. \*FT; ECOLOGY \*FT; USA \*FT;  
AREA-AMERICA \*FT; CARBON-DIOXIDE \*TR; CARBON-DIOXIDE \*IN; CO2  
\*RN; TR \*FT; IN \*FT; OCTENOL-1,3 \*TR; OCTENOL-1,3 \*IN;  
OCTENOL13 \*RN; **INSECT-ATTRACTANTS** \*FT; BUTENONE  
\*TR; BUTENONE \*IN; BUTENONE \*RN; FUNGICIDES \*FT  
AB; LA; CT

FIELD AVAIL.:

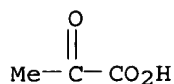
L10 ANSWER 1 OF 9 REGISTRY COPYRIGHT 2003 ACS  
 RN 624-92-0 REGISTRY  
 CN Disulfide, dimethyl (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN Methyl disulfide (8CI)  
 OTHER NAMES:  
 CN (Methyldithio)methane  
 CN 2,3-Dithiabutane  
 CN **Dimethyl disulfide**  
 CN Dimethyl disulphide  
 CN Sulfa-Hitech  
 FS 3D CONCORD  
 MF C2 H6 S2  
 CI COM  
 LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN\*, BIOBUSINESS, BIOSIS,  
 BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CHEMCATS,  
 CHEMINFORMRX, CHEMLIST, CHEMSAFE, CIN, CSCHEM, CSNB, DDFU, DETHERM\*,  
 DIPPR\*, DRUGU, EMBASE, GMELIN\*, HODOC\*, HSDB\*, IFICDB, IFIPAT, IFIUDB,  
 MEDLINE, MSDS-OHS, NAPRALERT, NIOSHTIC, PDLCOM\*, PIRA, PROMT, RTECS\*,  
 SPECINFO, TOXCENTER, ULIDAT, USPAT2, USPATFULL  
 (\*File contains numerically searchable property data)  
 Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*  
 (\*\*Enter CHEMLIST File for up-to-date regulatory information)



**\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\***

4431 REFERENCES IN FILE CA (1962 TO DATE)  
 16 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 4434 REFERENCES IN FILE CAPLUS (1962 TO DATE)  
 44 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L10 ANSWER 2 OF 9 REGISTRY COPYRIGHT 2003 ACS  
 RN 127-17-3 REGISTRY  
 CN Propanoic acid, 2-oxo- (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN **Pyruvic acid (8CI)**  
 OTHER NAMES:  
 CN .alpha.-Ketopropionic acid  
 CN 2-Oxopropanoic acid  
 CN 2-Oxopropionic acid  
 CN Acetylformic acid  
 CN BTS  
 CN Pyrroacemic acid  
 FS 3D CONCORD  
 DR 1892-67-7  
 MF C3 H4 O3  
 CI COM  
 LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN\*, BIOBUSINESS,  
 BIOSIS, BIOTECHNO, CA, CABA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB,  
 CEN, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, CSNB, DDFU,  
 DETHERM\*, DIPPR\*, DRUGU, EMBASE, GMELIN\*, HODOC\*, IFICDB, IFIPAT,  
 IFIUDB, IPA, MEDLINE, MRCK\*, MSDS-OHS, NAPRALERT, NIOSHTIC, PDLCOM\*,  
 PIRA, PROMT, RTECS\*, SPECINFO, SYNTHLINE, TOXCENTER, TULSA, USPAT2,  
 USPATFULL, VETU, VTB  
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 Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*  
 (\*\*Enter CHEMLIST File for up-to-date regulatory information)



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 254 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 19015 REFERENCES IN FILE CAPLUS (1962 TO DATE)  
 9 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L10 ANSWER 3 OF 9 REGISTRY COPYRIGHT 2003 ACS

RN 124-38-9 REGISTRY

CN **Carbon dioxide (8CI, 9CI)** (CA INDEX NAME)

OTHER NAMES:

CN Carbon oxide (CO2)

CN Carbon-12 dioxide

CN Carbon-12C dioxide-16O2

CN Carbonic acid anhydride

CN Carbonic acid gas

CN Carbonic anhydride

CN Dry ice

CN Khladon 744

CN R 744

FS 3D CONCORD

DR 18923-20-1

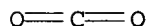
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CI COM

LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CABA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS, CHEMINFORMRX, CHEMLIST, CHEMSAFE, CIN, CSCHM, CSNB, DDFU, DETHERM\*, DIOGENES, DIPPR\*, DRUGU, EMBASE, ENCOMPLIT, ENCOMPLIT2, ENCOMPAT, ENCOMPAT2, GMELIN\*, HODOC\*, HSDB\*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK\*, MSDS-OHS, NIOSHTIC, PDLCOM\*, PIRA, PROMT, RTECS\*, SPECINFO, TOXCENTER, TULSA, ULIDAT, USAN, USPAT2, USPATFULL, VETU, VTB  
 (\*File contains numerically searchable property data)

Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*

(\*\*Enter CHEMLIST File for up-to-date regulatory information)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

152057 REFERENCES IN FILE CA (1962 TO DATE)  
 621 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 152044 REFERENCES IN FILE CAPLUS (1962 TO DATE)  
 21 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L10 ANSWER 4 OF 9 REGISTRY COPYRIGHT 2003 ACS

RN 107-87-9 REGISTRY

CN **2-Pentanone (8CI, 9CI)** (CA INDEX NAME)

OTHER NAMES:

CN 4-Methyl-2-butanone

CN Ethylacetone

CN Methyl n-propyl ketone

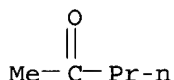
CN Methyl propyl ketone

CN Propyl methyl ketone

FS 3D CONCORD

MF C5 H10 O

CI COM  
 LC STN Files: AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN\*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CAOLD, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS, CHEMINFORMRX, CHEMLIST, CHEMSAFE, CIN, CSCHEM, CSNB, DETHERM\*, DIPPR\*, EMBASE, GMELIN\*, HODOC\*, HSDB\*, IFICDB, IFIPAT, IFIUDB, MEDLINE, MRCK\*, MSDS-OHS, NAPRALERT, NIOSHTIC, PDLCOM\*, PIRA, PROMT, RTECS\*, SPECINFO, SYNTHLINE, TOXCENTER, TULSA, USPAT2, USPATFULL, VTB  
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 (\*\*Enter CHEMLIST File for up-to-date regulatory information)



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4386 REFERENCES IN FILE CA (1962 TO DATE)  
 24 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 4393 REFERENCES IN FILE CAPLUS (1962 TO DATE)  
 5 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L10 ANSWER 5 OF 9 REGISTRY COPYRIGHT 2003 ACS

RN 79-14-1 REGISTRY

CN Acetic acid, hydroxy- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN **Glycolic acid (7CI, 8CI)**

OTHER NAMES:

CN .alpha.-Hydroxyacetic acid

CN 2-Hydroxyacetic acid

CN Glycocide

CN GlyPure

CN GlyPure 70

CN Hydroxyacetic acid

CN Hydroxyethanoic acid

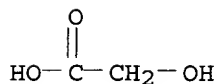
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DR 259744-22-4

MF C2 H4 O3

CI COM

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 Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*  
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\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

7110 REFERENCES IN FILE CA (1962 TO DATE)  
617 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
7117 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L10 ANSWER 6 OF 9 REGISTRY COPYRIGHT 2003 ACS

RN 78-93-3 REGISTRY

CN 2-Butanone (8CI, 9CI) (CA INDEX NAME)

OTHER NAMES:

CN 3-Butanone

CN **Butanone**

CN Ethyl methyl ketone

CN MEK

CN Methyl ethyl ketone

FS 3D CONCORD

DR 135311-02-3

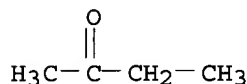
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CI COM

LC STN Files: AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN\*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS, CHEMINFORMRX, CHEMLIST, CHEMSAFE, CIN, CSCHEM, CSNB, DDFU, DETHERM\*, DIPPR\*, DRUGU, EMBASE, ENCOMPLIT, ENCOMPLIT2, ENCOMPPAT, ENCOMPPAT2, GMELIN\*, HODOC\*, HSDB\*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK\*, MSDS-OHS, NAPRALERT, NIOSHTIC, PDLCOM\*, PIRA, PROMT, RTECS\*, SPECINFO, SYNTHLINE, TOXCENTER, TULSA, ULIDAT, USPAT2, USPATFULL, VTB  
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Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*

(\*\*Enter CHEMLIST File for up-to-date regulatory information)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

19523 REFERENCES IN FILE CA (1962 TO DATE)  
173 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
19541 REFERENCES IN FILE CAPLUS (1962 TO DATE)  
10 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L10 ANSWER 7 OF 9 REGISTRY COPYRIGHT 2003 ACS

RN 75-15-0 REGISTRY

CN **Carbon disulfide** (8CI, 9CI) (CA INDEX NAME)

OTHER NAMES:

CN Carbon bisulfide

CN Carbon bisulphide

CN Carbon disulphide

CN Carbon sulfide (CS2)

CN Dithiocarbonic anhydride

FS 3D CONCORD

DR 355120-85-3

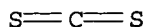
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LC STN Files: AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN\*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CABA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS, CHEMINFORMRX, CHEMLIST, CHEMSAFE, CIN, CSCHEM, CSNB, DDFU, DETHERM\*, DIPPR\*, DRUGU, EMBASE, ENCOMPLIT, ENCOMPLIT2, ENCOMPPAT, ENCOMPPAT2, GMELIN\*, HODOC\*, HSDB\*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK\*, MSDS-OHS, NAPRALERT, NIOSHTIC, PDLCOM\*, PIRA, PROMT, RTECS\*, SPECINFO, SYNTHLINE, TOXCENTER, TULSA, ULIDAT, USPAT2, USPATFULL, VETU, VTB

(\*File contains numerically searchable property data)

Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*  
(\*\*Enter CHEMLIST File for up-to-date regulatory information)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

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278 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
16583 REFERENCES IN FILE CAPLUS (1962 TO DATE)  
3 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L10 ANSWER 8 OF 9 REGISTRY COPYRIGHT 2003 ACS

RN 67-64-1 REGISTRY

CN 2-Propanone (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN **Acetone** (8CI)

CN Methyl ketone (6CI)

OTHER NAMES:

CN .beta.-Ketopropane

CN Dimethyl ketone

CN Dimethylformaldehyde

CN Propanone

CN Pyroacetic ether

FS 3D CONCORD

MF C3 H6 O

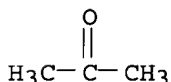
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LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN\*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CABA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS, CHEMINFORMRX, CHEMLIST, CHEMSAFE, CIN, CSCHEM, CSNB, DDFU, DETHERM\*, DIOGENES, DIPPR\*, DRUGU, EMBASE, ENCOMPLIT, ENCOMPLIT2, ENCOMPPAT, ENCOMPPAT2, GMELIN\*, HODOC\*, HSDB\*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK\*, MSDS-OHS, NAPRALERT, NIOSHTIC, PDLCOM\*, PHARMASEARCH, PIRA, PROMT, RTECS\*, SPECINFO, SYNTHLINE, TOXCENTER, TULSA, ULIDAT, USAN, USPAT2, USPATFULL, VETU, VTB

(\*File contains numerically searchable property data)

Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*

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\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

58466 REFERENCES IN FILE CA (1962 TO DATE)  
547 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
58519 REFERENCES IN FILE CAPLUS (1962 TO DATE)  
22 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L10 ANSWER 9 OF 9 REGISTRY COPYRIGHT 2003 ACS

RN 50-21-5 REGISTRY

CN Propanoic acid, 2-hydroxy- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

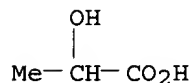
CN **Lactic acid** (7CI, 8CI)

OTHER NAMES:

CN (.+.-)-Lactic acid

CN .alpha.-Hydroxypropanoic acid

CN .alpha.-Hydroxypropionic acid  
 CN 2-Hydroxy-2-methylacetic acid  
 CN 2-Hydroxypropanoic acid  
 CN 2-Hydroxypropionic acid  
 CN Biolac  
 CN Chem-Cast  
 CN DL-Lactic acid  
 CN dl-Lactic acid  
 CN Milk acid  
 CN Purac FCC 88  
 CN Tonsillosan  
 FS 3D CONCORD  
 DR 152-36-3, 598-82-3  
 MF C3 H6 O3  
 CI COM  
 LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN\*, BIOBUSINESS, BIOSIS,  
 BIOTECHNO, CA, CABA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CEN,  
 CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, CSNB, DDFU, DETHERM\*,  
 DIOGENES, DIPPR\*, DRUGU, EMBASE, ENCOMPLIT, ENCOMPLIT2, ENCOMPPAT,  
 ENCOMPPAT2, GMELIN\*, HSDB\*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK\*,  
 MSDS-OHS, NAPRALERT, NIOSHTIC, PDLCOM\*, PIRA, PROMT, RTECS\*, SPECINFO,  
 SYNTHLINE, TOXCENTER, TULSA, USAN, USPAT2, USPATFULL, VETU, VTB  
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 (\*\*Enter CHEMLIST File for up-to-date regulatory information)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

40116 REFERENCES IN FILE CA (1962 TO DATE)  
 1365 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 40148 REFERENCES IN FILE CAPLUS (1962 TO DATE)  
 1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)



L24 ANSWER 366 OF 373 CABA COPYRIGHT 2003 CABI

ACCESSION NUMBER: 1999:39788 CABA

DOCUMENT NUMBER: 990500870

TITLE: Evaluation of **butanone**, carbon dioxide, and 1-octen-3-ol as **attractants** for **mosquitoes** associated with north central Florida bay and cypress swamps

AUTHOR: Kline, D. L.; Mann, M. O.

CORPORATE SOURCE: United States Department of Agriculture, Agricultural Research Service, Center for Medical, Agricultural and Veterinary Entomology, PO Box 14565, Gainesville, FL 32604, USA.

SOURCE: Journal of the American Mosquito Control Association, (1998) Vol. 14, No. 3, pp. 289-297. 25 ref.

ISSN: 8756-971X

DOCUMENT TYPE: Journal

LANGUAGE: English

ABSTRACT:

Field studies were conducted in 1991-93 to determine the responses of **\*\*\*mosquitoes\*\*\*** found in north central Florida, USA, bay and cypress swamps to carbon dioxide (CO<sub>2</sub>), light, **butanone** and 1-octen-3-ol (octenol), alone and CO<sub>2</sub> in combination with each of the others. The response of these **\*\*\*mosquito\*\*\*** species to 5 CO<sub>2</sub> release rates (2, 20, 100, 200 and 2000 ml/min) of CO<sub>2</sub> was also determined. The use of CO<sub>2</sub> resulted in a response in all the species studied; the pattern of response to increasing CO<sub>2</sub> levels varied from species to species. In general, collection size increased as CO<sub>2</sub> release rate increased; however, 5 species (*Aedes dupreei*, *Anopheles perplexens*, *Culiseta melanura*, *Culex erraticus* and *Mansonia titillans*) deviated from this pattern. Collection size of *Aedes dupreei*, *Culiseta melanura* and *Culex erraticus* decreased at the 2000 ml/min release rate. Collection size of *Anopheles perplexens* and *M. titillans* remained constant at each CO<sub>2</sub> level to which these species responded. In the CO<sub>2</sub> and light studies, the general pattern for collection size was: CO<sub>2</sub> + light > CO<sub>2</sub> alone > light alone. The combination CO<sub>2</sub> + octenol (2.2 mg/h) resulted in a synergistic response (i.e. greater than the combined response obtained by CO<sub>2</sub> and octenol alone) for all species except *Culiseta melanura*, *Culex nigripalpus* and *C. restuans*. Only 2 species (*Aedes atlanticus* and *A. canadensis*) responded to octenol in relatively large numbers (i.e. response to octenol alone more than or equal to 5% of that obtained by using CO<sub>2</sub> alone at the 200 ml/min release rate). Octenol at the release rate tested repelled *Culiseta melanura*. The **butanone** + CO<sub>2</sub> bait combination increased the responses compared to CO<sub>2</sub> alone of *A. infirmatus*, *Culex salinarius*, *Coquillettidia perturbans* and *Psorophora ferox*, but decreased the response of *Culiseta melanura*.

CLASSIFICATION: HH500 Repellents and Attractants; PP320 Wetlands; VV200 Parasites, Vectors, Pathogens and Biogenic Diseases of Humans; LL300 Animal Behaviour

GEOGRAPHIC TERM: USA; Florida

BROADER TERM: Diptera; insects; arthropods; invertebrates; animals; Culicidae; *Culiseta*; *Culex*; *Mansonia* (Diptera); *Aedes*; *Coquillettidia*; *Psorophora*; *Anopheles*; Developed Countries; North America; America; OECD Countries; Southeastern States of USA; Southern States of USA; USA; Gulf States of USA; South Atlantic States of USA

CONTROLLED TERM: surveillance; host-seeking behaviour; evaluation; insect **attractants**; swamps; carbon dioxide; light traps; monitoring; bait traps; sampling; trapping

SUPPLEMENTARY TERM: **butanone**; 1-octen-3-ol; octenol; *Aedes dupreei*; *Anopheles perplexens*; *Aedes mitchellae*

CAS REGISTRY NUMBER: 124-38-9

ORGANISM NAME:

Culicidae; Aedes; Anopheles; Culex; Culiseta  
melanura; Culex erraticus; Mansonia titillans; Culex  
nigripalpus; Culex restuans; Aedes atlanticus; Aedes  
canadensis; Aedes infirmatus; Culex salinarius;  
Coquillettidia perturbans; Psorophora ferox; Aedes  
vexans; Anopheles crucians; Anopheles punctipennis;  
Anopheles quadrimaculatus

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(FILE 'HOME' ENTERED AT 11:32:54 ON 06 APR 2003)

FILE 'REGISTRY' ENTERED AT 11:33:03 ON 06 APR 2003

L1 1 SEA LACTIC ACID/CN  
L2 1 SEA DIMETHYL DISULFIDE/CN  
L3 1 SEA CARBON DIOXIDE/CN  
L4 1 SEA 2-PENTANONE/CN  
L5 1 SEA ACETONE/CN  
L6 1 SEA PYRUVIC ACID/CN  
L7 1 SEA GLYCOLIC ACID/CN  
L8 1 SEA BUTANONE/CN  
L9 1 SEA CARBON DISULFIDE/CN  
L10 9 SEA L1 OR L2 OR L3 OR L4 OR L5 OR L6 OR L7 OR L8 OR L9  
D 1-9

FILE 'EMBASE, BIOSIS, EUROPATFULL, JAPIO, ADISCTI, ADISINSIGHT, ADISNEWS, BABS, BIOBUSINESS, BIOCOMMERCE, BIOTECHNO, CANCERLIT, CAPLUS, CBNB, CEN, CIN, CONFSCI, DGENE, DIOGENES, DRUGB, DRUGLAUNCH, DRUGMONOG2, DRUGNL, DRUGU, DRUGUPDATES, EMBAL, ESBIODASE, ...' ENTERED AT 11:35:41 ON 06 APR 2003

L11 409102 SEA (L1 OR LACTIC OR HYDROXYPROPANOIC OR HYDROXY (2A) METHYLACETIC OR HYDROXYPROPIONIC OR HYDROXY PROPANOIC OR HYDROXY PROPIONIC OR BIOLAC OR CHAM CAST OR MILK ACID OR PURAC FCC 88 OR TONSILLOSAN)  
L12 170139 SEA L8 OR BUTANONE OR ETHYL METHYL KETONE OR METHYL ETHYL KETONE OR ETHYLMETHYLKETONE OR METHYLETHYLKETONE OR ETHYLMETHYL KETONE OR METHYLETHYL KETONE OR METHYL ETHYLKETONE OR ETHYL METHYLKETONE  
L13 8400 SEA L11 AND L12  
L14 50 SEA L13 AND (MOSQUITO?)  
D 1-50

FILE 'EMBASE, BIOSIS, EUROPATFULL, JAPIO, ADISCTI, ADISINSIGHT, ADISNEWS, BABS, BIOBUSINESS, BIOCOMMERCE, BIOTECHNO, CANCERLIT, CAPLUS, CBNB, CEN, CIN, CONFSCI, DGENE, DIOGENES, DRUGB, DRUGLAUNCH, DRUGMONOG2, DRUGNL, DRUGU, DRUGUPDATES, EMBAL, ESBIODASE, ...' ENTERED AT 12:26:16 ON 06 APR 2003

D 1-50  
D 50 IALL  
L15 1241 SEA L12 AND MOSQUITO?  
L16 1194 DUP REM L15 (47 DUPLICATES REMOVED)  
L17 394507 SEA LACTIC OR HYDROXYPROPANOIC OR HYDROXY (2A) METHYLACETIC OR HYDROXYPROPIONIC OR HYDROXY PROPANOIC OR HYDROXY PROPIONIC OR BIOLAC OR CHAM CAST OR MILK ACID OR PURAC FCC 88 OR TONSILLOSAN  
L18 161696 SEA BUTANONE OR ETHYL METHYL KETONE OR METHYL ETHYL KETONE OR ETHYLMETHYLKETONE OR METHYLETHYLKETONE OR ETHYLMETHYL KETONE OR METHYLETHYL KETONE OR METHYL ETHYLKETONE OR ETHYL METHYLKETONE  
L19 88 SEA L17 (5A) L18  
L20 67 DUP REM L19 (21 DUPLICATES REMOVED)  
D 1-67  
D 67 KWIC  
D 53 KWIC  
L21 305 SEA L17 (25A) L18  
L22 260 DUP REM L21 (45 DUPLICATES REMOVED)  
L23 195 SEA L22 NOT L20  
D 1-195  
L24 373 SEA L15 AND ATTRACT?  
D 1-373

FILE 'EMBASE, BIOSIS, EUROPATFULL, JAPIO, ADISCTI, ADISINSIGHT, ADISNEWS,

BABS, BIOBUSINESS, BIOCOMMERCE, BIOTECHNO, CANCERLIT, CAPLUS, CBNB, CEN,  
CIN, CONFSCI, DGENE, DIOGENES, DRUGB, DRUGLAUNCH, DRUGMONOG2, DRUGNL,  
DRUGU, DRUGUPDATES, EMBAL, ESBIODASE, ...' ENTERED AT 12:46:46 ON 06 APR  
2003

D 363 IALL

D 366 IALL

D 373

D 366-372

D 372 IALL

D 371 IALL

L25 346 DUP REM L24 (27 DUPLICATES REMOVED)

D 1-346

D 262 KWIC

D 242 KWIC

D 90 IALL

FILE 'STNGUIDE' ENTERED AT 13:04:20 ON 06 APR 2003

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(FILE 'HOME' ENTERED AT 11:32:54 ON 06 APR 2003)

FILE 'REGISTRY' ENTERED AT 11:33:03 ON 06 APR 2003

L1 1 SEA LACTIC ACID/CN  
L2 1 SEA DIMETHYL DISULFIDE/CN  
L3 1 SEA CARBON DIOXIDE/CN  
L4 1 SEA 2-PENTANONE/CN  
L5 1 SEA ACETONE/CN  
L6 1 SEA PYRUVIC ACID/CN  
L7 1 SEA GLYCOLIC ACID/CN  
L8 1 SEA BUTANONE/CN  
L9 1 SEA CARBON DISULFIDE/CN  
L10 9 SEA L1 OR L2 OR L3 OR L4 OR L5 OR L6 OR L7 OR L8 OR L9  
D 1-9

FILE 'EMBASE, BIOSIS, EUROPATFULL, JAPIO, ADISCTI, ADISINSIGHT, ADISNEWS, BABS, BIOBUSINESS, BIOCOMMERCE, BIOTECHNO, CANCERLIT, CAPLUS, CBNB, CEN, CIN, CONFSCI, DGENE, DIOGENES, DRUGB, DRUGLAUNCH, DRUGMONOG2, DRUGNL, DRUGU, DRUGUPDATES, EMBAL, ESBIODASE, ...' ENTERED AT 11:35:41 ON 06 APR 2003

L11 409102 SEA (L1 OR LACTIC OR HYDROXYPROPANOIC OR HYDROXY (2A) METHYLACE  
TIC OR HYDROXYPROPIONIC OR HYDROXY PROPANOIC OR HYDROXY  
PROPIONIC OR BIOLAC OR CHAM CAST OR MILK ACID OR PURAC FCC 88  
OR TONSILLOSAN)  
L\*\*\* DEL 170139 S L8 OR BUTANONE OR ETHYL METHYL KETONE OR METHYL ETHYL KETONE  
L\*\*\* DEL 8400 S L11 AND L\*\*\*  
L\*\*\* DEL 50 S L\*\*\* AND (MOSQUITO?)  
D 1-50

FILE 'EMBASE, BIOSIS, EUROPATFULL, JAPIO, ADISCTI, ADISINSIGHT, ADISNEWS, BABS, BIOBUSINESS, BIOCOMMERCE, BIOTECHNO, CANCERLIT, CAPLUS, CBNB, CEN, CIN, CONFSCI, DGENE, DIOGENES, DRUGB, DRUGLAUNCH, DRUGMONOG2, DRUGNL, DRUGU, DRUGUPDATES, EMBAL, ESBIODASE, ...' ENTERED AT 12:26:16 ON 06 APR 2003

D 1-50  
D 50 IALL

L\*\*\* DEL 1241 S L\*\*\* AND MOSQUITO?  
L\*\*\* DEL 1194 DUP REM L\*\*\* (47 DUPLICATES REMOVED)  
L17 394507 SEA LACTIC OR HYDROXYPROPANOIC OR HYDROXY (2A) METHYLACETIC OR  
HYDROXYPROPIONIC OR HYDROXY PROPANOIC OR HYDROXY PROPIONIC OR  
BIOLAC OR CHAM CAST OR MILK ACID OR PURAC FCC 88 OR TONSILLOSAN  
  
L\*\*\* DEL 161696 S BUTANONE OR ETHYL METHYL KETONE OR METHYL ETHYL KETONE OR ET  
L\*\*\* DEL 88 S L17 (5A) L18  
L\*\*\* DEL 67 DUP REM L20 (21 DUPLICATES REMOVED)  
D 1-67  
D 67 KWIC  
D 53 KWIC  
L\*\*\* DEL 305 S L17 (25A) L18  
L\*\*\* DEL 260 DUP REM L21 (45 DUPLICATES REMOVED)  
L\*\*\* DEL 195 S L21 NOT L20  
D 1-195  
L\*\*\* DEL 373 S L\*\*\* AND ATTRACT?  
D 1-373

FILE 'EMBASE, BIOSIS, EUROPATFULL, JAPIO, ADISCTI, ADISINSIGHT, ADISNEWS, BABS, BIOBUSINESS, BIOCOMMERCE, BIOTECHNO, CANCERLIT, CAPLUS, CBNB, CEN, CIN, CONFSCI, DGENE, DIOGENES, DRUGB, DRUGLAUNCH, DRUGMONOG2, DRUGNL, DRUGU, DRUGUPDATES, EMBAL, ESBIODASE, ...' ENTERED AT 12:46:46 ON 06 APR 2003

D 363 IALL  
D 366 IALL

D 373  
D 366-372  
D 372 IALL  
D 371 IALL  
L\*\*\* DEL 346 DUP REM L\*\*\* (27 DUPLICATES REMOVED)  
D 1-346  
D 262 KWIC  
D 242 KWIC  
D 90 IALL

FILE 'STNGUIDE' ENTERED AT 13:04:20 ON 06 APR 2003

FILE 'BIOSIS, EUROPATFULL, CAPLUS, IFIPAT, LIFESCI, SCISEARCH, USPATFULL, HSDB, CROPU' ENTERED AT 13:23:02 ON 06 APR 2003  
D 70 IALL

FILE 'STNGUIDE' ENTERED AT 13:23:03 ON 06 APR 2003  
L\*\*\* DEL 0 S PENTANONE OR METHYL (2A) BUTANONE OR ETHYL ACETONE OR ETHYLAC

FILE 'EMBASE, BIOSIS, EUROPATFULL, JAPIO, ADISCTI, ADISINSIGHT, ADISNEWS, BABS, BIOBUSINESS, BIOCOMMERCE, BIOTECHNO, CANCERLIT, CAPLUS, CBNB, CEN, CIN, CONFSCI, DGENE, DIOGENES, DRUGB, DRUGLAUNCH, DRUGMONOG2, DRUGNL, DRUGU, DRUGUPDATES, EMBAL, ESBIODBASE, ...' ENTERED AT 13:30:11 ON 06 APR 2003

L18 33462 SEA PENTANONE OR METHYL (2A) BUTANONE OR ETHYL ACETONE OR  
ETHYLACETONE OR METHYL (2A) PROPYL KETONE OR METHYLPROPYLKETONE  
OR METHYLPROPYL KETONE OR METHYL PROPYLKETONE OR PROPYLMETHYLK  
ETONE OR PROPYL METHYLKETONE OR PROPYL METHYL KETONE  
L19 2164 SEA L11 AND (L4 OR L18)  
L20 409102 SEA L11  
L21 35253 SEA L4 OR L18  
L22 2171 SEA L20 AND L21  
L23 17 SEA L22 AND MOSQUITO?  
D 1-17  
D 17 KWIC  
D 17 IALL  
L24 44 SEA L21 AND MOSQUITO? AND ATTRACT?  
D 1-44  
D 14 KWIC

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(FILE 'HOME' ENTERED AT 11:32:54 ON 06 APR 2003)

FILE 'REGISTRY' ENTERED AT 11:33:03 ON 06 APR 2003

L1 1 SEA LACTIC ACID/CN  
L2 1 SEA DIMETHYL DISULFIDE/CN  
L3 1 SEA CARBON DIOXIDE/CN  
L4 1 SEA 2-PENTANONE/CN  
L5 1 SEA ACETONE/CN  
L6 1 SEA PYRUVIC ACID/CN  
L7 1 SEA GLYCOLIC ACID/CN  
L8 1 SEA BUTANONE/CN  
L9 1 SEA CARBON DISULFIDE/CN  
L10 9 SEA L1 OR L2 OR L3 OR L4 OR L5 OR L6 OR L7 OR L8 OR L9  
D 1-9

FILE 'EMBASE, BIOSIS, EUROPATFULL, JAPIO, ADISCTI, ADISINSIGHT, ADISNEWS, BABS, BIOBUSINESS, BIOCOMMERCE, BIOTECHNO, CANCERLIT, CAPLUS, CBNB, CEN, CIN, CONFSCI, DGENE, DIOGENES, DRUGB, DRUGLAUNCH, DRUGMONOG2, DRUGNL, DRUGU, DRUGUPDATES, EMBAL, ESBIODASE, ...' ENTERED AT 11:35:41 ON 06 APR 2003

L11 409102 SEA (L1 OR LACTIC OR HYDROXYPROPANOIC OR HYDROXY (2A) METHYLACE  
TIC OR HYDROXYPROPIONIC OR HYDROXY PROPANOIC OR HYDROXY  
PROPIONIC OR BIOLAC OR CHAM CAST OR MILK ACID OR PURAC FCC 88  
OR TONSILLOSAN)  
L\*\*\* DEL 170139 S L8 OR BUTANONE OR ETHYL METHYL KETONE OR METHYL ETHYL KETONE  
L\*\*\* DEL 8400 S L11 AND L\*\*\*  
L\*\*\* DEL 50 S L\*\*\* AND (MOSQUITO?)  
D 1-50

FILE 'EMBASE, BIOSIS, EUROPATFULL, JAPIO, ADISCTI, ADISINSIGHT, ADISNEWS, BABS, BIOBUSINESS, BIOCOMMERCE, BIOTECHNO, CANCERLIT, CAPLUS, CBNB, CEN, CIN, CONFSCI, DGENE, DIOGENES, DRUGB, DRUGLAUNCH, DRUGMONOG2, DRUGNL, DRUGU, DRUGUPDATES, EMBAL, ESBIODASE, ...' ENTERED AT 12:26:16 ON 06 APR 2003

D 1-50  
D 50 IALL  
L\*\*\* DEL 1241 S L\*\*\* AND MOSQUITO?  
L\*\*\* DEL 1194 DUP REM L\*\*\* (47 DUPLICATES REMOVED)  
L17 394507 SEA LACTIC OR HYDROXYPROPANOIC OR HYDROXY (2A) METHYLACETIC OR  
HYDROXYPROPIONIC OR HYDROXY PROPANOIC OR HYDROXY PROPIONIC OR  
BIOLAC OR CHAM CAST OR MILK ACID OR PURAC FCC 88 OR TONSILLOSAN  
L\*\*\* DEL 161696 S BUTANONE OR ETHYL METHYL KETONE OR METHYL ETHYL KETONE OR ET  
L\*\*\* DEL 88 S L17 (5A) L18  
L\*\*\* DEL 67 DUP REM L19 (21 DUPLICATES REMOVED)  
D 1-67  
D 67 KWIC  
D 53 KWIC  
L\*\*\* DEL 305 S L17 (25A) L18  
L\*\*\* DEL 260 DUP REM L21 (45 DUPLICATES REMOVED)  
L\*\*\* DEL 195 S L21 NOT L20  
D 1-195  
L\*\*\* DEL 373 S L\*\*\* AND ATTRACT?  
D 1-373

FILE 'EMBASE, BIOSIS, EUROPATFULL, JAPIO, ADISCTI, ADISINSIGHT, ADISNEWS, BABS, BIOBUSINESS, BIOCOMMERCE, BIOTECHNO, CANCERLIT, CAPLUS, CBNB, CEN, CIN, CONFSCI, DGENE, DIOGENES, DRUGB, DRUGLAUNCH, DRUGMONOG2, DRUGNL, DRUGU, DRUGUPDATES, EMBAL, ESBIODASE, ...' ENTERED AT 12:46:46 ON 06 APR 2003

D 363 IALL  
D 366 IALL

D 373  
D 366-372  
D 372 IALL  
D 371 IALL  
L\*\*\* DEL 346 DUP REM L\*\*\* (27 DUPLICATES REMOVED)  
D 1-346  
D 262 KWIC  
D 242 KWIC  
D 90 IALL

FILE 'STNGUIDE' ENTERED AT 13:04:20 ON 06 APR 2003

FILE 'BIOSIS, EUROPATFULL, CAPLUS, IFIPAT, LIFESCI, SCISEARCH, USPATFULL, HSDB, CROPU' ENTERED AT 13:23:02 ON 06 APR 2003  
D 70 IALL

FILE 'STNGUIDE' ENTERED AT 13:23:03 ON 06 APR 2003

L\*\*\* DEL 0 S PENTANONE OR METHYL (2A) BUTANONE OR ETHYL ACETONE OR ETHYLAC

FILE 'EMBASE, BIOSIS, EUROPATFULL, JAPIO, ADISCTI, ADISINSIGHT, ADISNEWS, BABS, BIOBUSINESS, BIOCOMMERCE, BIOTECHNO, CANCERLIT, CAPLUS, CBNB, CEN, CIN, CONFSCI, DGENE, DIOGENES, DRUGB, DRUGLAUNCH, DRUGMONOG2, DRUGNL, DRUGU, DRUGUPDATES, EMBAL, ESBIODBASE, ...' ENTERED AT 13:30:11 ON 06 APR 2003

L\*\*\* DEL 33462 S PENTANONE OR METHYL (2A) BUTANONE OR ETHYL ACETONE OR ETHYLAC

L\*\*\* DEL 2164 S L11 AND (L4 OR L18)

L\*\*\* DEL 409102 S L11

L\*\*\* DEL 35253 S L4 OR L18

L\*\*\* DEL 2171 S L20 AND L21

L\*\*\* DEL 17 S L22 AND MOSQUITO?

D 1-17

D 17 KWIC

D 17 IALL

L\*\*\* DEL 44 S L21 AND MOSQUITO? AND ATTRACT?

D 1-44

D 14 KWIC

L18 3 SEA ACETONE (5A) ATTRACT? (5A) MOSQUITO?

D 1-3

L19 7 SEA ACETONE (15A) ATTRACT? (15A) MOSQUITO?

D 1-7

D 7 KWIC

D 2 IALL

L20 10 SEA ACETONE (25A) ATTRACT? (25A) MOSQUITO?

D 1-10

D 6 KWIC

L21 24 SEA ACETONE (55A) ATTRACT? (55A) MOSQUITO?

D 1-24

D 24 IALL

L22 59 SEA ACETONE (9999A) ATTRACT? (9999A) MOSQUITO?

L23 45 DUP REM L22 (14 DUPLICATES REMOVED)

D 1-45

L\*\*\* DEL 0 S (METHYLKETONE OR METHYL KETONE OR KETOPROPANE OR KETO PROPANE

L\*\*\* DEL 13 S (METHYLKETONE OR METHYL KETONE OR KETOPROPANE OR KETO PROPANE

D 1-13

L24 517 SEA (ACETONE OR METHYLKETONE OR METHYL KETONE OR KETOPROPANE OR KETO PROPANE OR DIMETHYLKETONE OR DIMETHYL KETONE OR DIMETHYLFORMALDEHYDE OR DIMETHYL FORMALDEHYDE OR PROPANONE OR PYROACETIC ETHER OR PYROACETICETHER) (L) ATTRACT? (L) MOSQUITO?



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(FILE 'HOME' ENTERED AT 11:32:54 ON 06 APR 2003)

FILE 'REGISTRY' ENTERED AT 11:33:03 ON 06 APR 2003

L1 1 SEA LACTIC ACID/CN  
L2 1 SEA DIMETHYL DISULFIDE/CN  
L3 1 SEA CARBON DIOXIDE/CN  
L4 1 SEA 2-PENTANONE/CN  
L5 1 SEA ACETONE/CN  
L6 1 SEA PYRUVIC ACID/CN  
L7 1 SEA GLYCOLIC ACID/CN  
L8 1 SEA BUTANONE/CN  
L9 1 SEA CARBON DISULFIDE/CN  
L10 9 SEA L1 OR L2 OR L3 OR L4 OR L5 OR L6 OR L7 OR L8 OR L9  
D 1-9

FILE 'EMBASE, BIOSIS, EUROPATFULL, JAPIO, ADISCTI, ADISINSIGHT, ADISNEWS, BABS, BIOBUSINESS, BIOCOMMERCE, BIOTECHNO, CANCERLIT, CAPLUS, CBNB, CEN, CIN, CONFSCI, DGENE, DIOGENES, DRUGB, DRUGLAUNCH, DRUGMONOG2, DRUGNL, DRUGU, DRUGUPDATES, EMBAL, ESBIOWASE, ...' ENTERED AT 11:35:41 ON 06 APR 2003

L11 409102 SEA (L1 OR LACTIC OR HYDROXYPROPANOIC OR HYDROXY (2A) METHYLACE  
TIC OR HYDROXYPROPIONIC OR HYDROXY PROPANOIC OR HYDROXY  
PROPIONIC OR BIOLAC OR CHAM CAST OR MILK ACID OR PURAC FCC 88  
OR TONSILLOSAN)  
L\*\*\* DEL 170139 S L8 OR BUTANONE OR ETHYL METHYL KETONE OR METHYL ETHYL KETONE  
L\*\*\* DEL 8400 S L11 AND L\*\*\*  
L\*\*\* DEL 50 S L\*\*\* AND (MOSQUITO?)  
D 1-50

FILE 'EMBASE, BIOSIS, EUROPATFULL, JAPIO, ADISCTI, ADISINSIGHT, ADISNEWS, BABS, BIOBUSINESS, BIOCOMMERCE, BIOTECHNO, CANCERLIT, CAPLUS, CBNB, CEN, CIN, CONFSCI, DGENE, DIOGENES, DRUGB, DRUGLAUNCH, DRUGMONOG2, DRUGNL, DRUGU, DRUGUPDATES, EMBAL, ESBIOWASE, ...' ENTERED AT 12:26:16 ON 06 APR 2003

D 1-50  
D 50 IALL  
L\*\*\* DEL 1241 S L\*\*\* AND MOSQUITO?  
L\*\*\* DEL 1194 DUP REM L\*\*\* (47 DUPLICATES REMOVED)  
L17 394507 SEA LACTIC OR HYDROXYPROPANOIC OR HYDROXY (2A) METHYLACETIC OR  
HYDROXYPROPIONIC OR HYDROXY PROPANOIC OR HYDROXY PROPIONIC OR  
BIOLAC OR CHAM CAST OR MILK ACID OR PURAC FCC 88 OR TONSILLOSAN  
L\*\*\* DEL 161696 S BUTANONE OR ETHYL METHYL KETONE OR METHYL ETHYL KETONE OR ET  
L\*\*\* DEL 88 S L17 (5A) L18  
L\*\*\* DEL 67 DUP REM L19 (21 DUPLICATES REMOVED)  
D 1-67  
D 67 KWIC  
D 53 KWIC  
L\*\*\* DEL 305 S L17 (25A) L18  
L\*\*\* DEL 260 DUP REM L21 (45 DUPLICATES REMOVED)  
L\*\*\* DEL 195 S L21 NOT L20  
D 1-195  
L\*\*\* DEL 373 S L\*\*\* AND ATTRACT?  
D 1-373

FILE 'EMBASE, BIOSIS, EUROPATFULL, JAPIO, ADISCTI, ADISINSIGHT, ADISNEWS, BABS, BIOBUSINESS, BIOCOMMERCE, BIOTECHNO, CANCERLIT, CAPLUS, CBNB, CEN, CIN, CONFSCI, DGENE, DIOGENES, DRUGB, DRUGLAUNCH, DRUGMONOG2, DRUGNL, DRUGU, DRUGUPDATES, EMBAL, ESBIOWASE, ...' ENTERED AT 12:46:46 ON 06 APR 2003

D 363 IALL  
D 366 IALL

D 373  
D 366-372  
D 372 IALL  
D 371 IALL  
L\*\*\* DEL 346 DUP REM L\*\*\* (27 DUPLICATES REMOVED)  
D 1-346  
D 262 KWIC  
D 242 KWIC  
D 90 IALL

FILE 'STNGUIDE' ENTERED AT 13:04:20 ON 06 APR 2003

FILE 'BIOSIS, EUROPATFULL, CAPLUS, IFIPAT, LIFESCI, SCISEARCH, USPATFULL, HSDB, CROPU' ENTERED AT 13:23:02 ON 06 APR 2003  
D 70 IALL

FILE 'STNGUIDE' ENTERED AT 13:23:03 ON 06 APR 2003  
L\*\*\* DEL 0 S PENTANONE OR METHYL (2A) BUTANONE OR ETHYL ACETONE OR ETHYLAC

FILE 'EMBASE, BIOSIS, EUROPATFULL, JAPIO, ADISCTI, ADISINSIGHT, ADISNEWS, BABS, BIOBUSINESS, BIOCOMMERCE, BIOTECHNO, CANCERLIT, CAPLUS, CBNB, CEN, CIN, CONFSCI, DGENE, DIOGENES, DRUGB, DRUGLAUNCH, DRUGMONOG2, DRUGNL, DRUGU, DRUGUPDATES, EMBAL, ESBIODASE, ...' ENTERED AT 13:30:11 ON 06 APR 2003

L\*\*\* DEL 33462 S PENTANONE OR METHYL (2A) BUTANONE OR ETHYL ACETONE OR ETHYLAC  
L\*\*\* DEL 2164 S L11 AND (L4 OR L18)  
L\*\*\* DEL 409102 S L11  
L\*\*\* DEL 35253 S L4 OR L18  
L\*\*\* DEL 2171 S L20 AND L21  
L\*\*\* DEL 17 S L\*\*\* AND MOSQUITO?

D 1-17  
D 17 KWIC  
D 17 IALL

L\*\*\* DEL 44 S L21 AND MOSQUITO? AND ATTRACT?

D 1-44  
D 14 KWIC

L\*\*\* DEL 3 S ACETONE (5A) ATTRACT? (5A) MOSQUITO?

D 1-3

L\*\*\* DEL 7 S ACETONE (15A) ATTRACT? (15A) MOSQUITO?

D 1-7  
D 7 KWIC  
D 2 IALL

L\*\*\* DEL 10 S ACETONE (25A) ATTRACT? (25A) MOSQUITO?

D 1-10  
D 6 KWIC

L\*\*\* DEL 24 S ACETONE (55A) ATTRACT? (55A) MOSQUITO?

D 1-24  
D 24 IALL

L\*\*\* DEL 59 S ACETONE (9999A) ATTRACT? (9999A) MOSQUITO?

L\*\*\* DEL 45 DUP REM L\*\*\* (14 DUPLICATES REMOVED)

D 1-45

L\*\*\* DEL 0 S (METHYLKETONE OR METHYL KETONE OR KETOPROPANE OR KETO PROPANE

L\*\*\* DEL 13 S (METHYLKETONE OR METHYL KETONE OR KETOPROPANE OR KETO PROPANE

D 1-13

L\*\*\* DEL 517 S (ACETONE OR METHYLKETONE OR METHYL KETONE OR KETOPROPANE OR K

L\*\*\* DEL 490 DUP REM L\*\*\* (27 DUPLICATES REMOVED)

D 1-490  
D 487 IALL  
D 280 KWIC  
D 214 IALL  
D 176 KWIC

L18 33462 SEA PENTANONE OR METHYL (2A) BUTANONE OR ETHYL ACETONE OR  
ETHYLACETONE OR METHYL (2A) PROPYL KETONE OR METHYLPROPYLKETONE  
OR METHYLPROPYL KETONE OR METHYL PROPYLKETONE OR PROPYLMETHYLK

L19                   ETONE OR PROPYL METHYLKETONE OR PROPYL METHYL KETONE  
                   43 SEA L18 (25A) L17  
                       D 1-43  
                       D 1-43 KWIC  
 L20               1590 SEA (ACETONE OR METHYLKETONE OR METHYL KETONE OR KETOPROPANE  
                       OR KETO PROPANE OR DIMETHYKETONE OR DIMETHYL KETONE OR  
                       DIMETHYLFORMALDEHYDE OR DIMETHYL FORMALDEHYDE OR PROPANONE OR  
                       PYROACETIC ETHER OR PYROACETICETHER) (25A) L17  
 L21               65 SEA L20 (25A) (CO2 OR CO".SUB."2 OR CARBON DIOXIDE)  
                       D 1-65  
                       D 39 KWIC  
                       D 39  
                       D 39 IALL

> d his ful

(FILE 'HOME' ENTERED AT 11:32:54 ON 06 APR 2003)

FILE 'REGISTRY' ENTERED AT 11:33:03 ON 06 APR 2003

L1 1 SEA LACTIC ACID/CN  
L2 1 SEA DIMETHYL DISULFIDE/CN  
L3 1 SEA CARBON DIOXIDE/CN  
L4 1 SEA 2-PENTANONE/CN  
L5 1 SEA ACETONE/CN  
L6 1 SEA PYRUVIC ACID/CN  
L7 1 SEA GLYCOLIC ACID/CN  
L8 1 SEA BUTANONE/CN  
L9 1 SEA CARBON DISULFIDE/CN  
L10 9 SEA L1 OR L2 OR L3 OR L4 OR L5 OR L6 OR L7 OR L8 OR L9  
D 1-9

FILE 'EMBASE, BIOSIS, EUROPATFULL, JAPIO, ADISCTI, ADISINSIGHT, ADISNEWS, BABS, BIOBUSINESS, BIOCOMMERCE, BIOTECHNO, CANCERLIT, CAPLUS, CBNB, CEN, CIN, CONFSCI, DGENE, DIOGENES, DRUGB, DRUGLAUNCH, DRUGMONOG2, DRUGNL, DRUGU, DRUGUPDATES, EMBAL, ESBIODBASE, ...' ENTERED AT 11:35:41 ON 06 APR 2003

L11 409102 SEA (L1 OR LACTIC OR HYDROXYPROPANOIC OR HYDROXY (2A) METHYLACE  
TIC OR HYDROXYPROPIONIC OR HYDROXY PROPANOIC OR HYDROXY  
PROPIONIC OR BIOLAC OR CHAM CAST OR MILK ACID OR PURAC FCC 88  
OR TONSILLOSAN)  
L\*\*\* DEL 170139 S L8 OR BUTANONE OR ETHYL METHYL KETONE OR METHYL ETHYL KETONE  
L\*\*\* DEL 8400 S L11 AND L\*\*\*  
L\*\*\* DEL 50 S L\*\*\* AND (MOSQUITO?)  
D 1-50

FILE 'EMBASE, BIOSIS, EUROPATFULL, JAPIO, ADISCTI, ADISINSIGHT, ADISNEWS, BABS, BIOBUSINESS, BIOCOMMERCE, BIOTECHNO, CANCERLIT, CAPLUS, CBNB, CEN, CIN, CONFSCI, DGENE, DIOGENES, DRUGB, DRUGLAUNCH, DRUGMONOG2, DRUGNL, DRUGU, DRUGUPDATES, EMBAL, ESBIODBASE, ...' ENTERED AT 12:26:16 ON 06 APR 2003

D 1-50  
D 50 IALL  
L\*\*\* DEL 1241 S L\*\*\* AND MOSQUITO?  
L\*\*\* DEL 1194 DUP REM L\*\*\* (47 DUPLICATES REMOVED)  
L17 394507 SEA LACTIC OR HYDROXYPROPANOIC OR HYDROXY (2A) METHYLACETIC OR  
HYDROXYPROPIONIC OR HYDROXY PROPANOIC OR HYDROXY PROPIONIC OR  
BIOLAC OR CHAM CAST OR MILK ACID OR PURAC FCC 88 OR TONSILLOSAN  
L\*\*\* DEL 161696 S BUTANONE OR ETHYL METHYL KETONE OR METHYL ETHYL KETONE OR ET  
L\*\*\* DEL 88 S L17 (5A) L18  
L\*\*\* DEL 67 DUP REM L19 (21 DUPLICATES REMOVED)  
D 1-67  
D 67 KWIC  
D 53 KWIC  
L\*\*\* DEL 305 S L17 (25A) L18  
L\*\*\* DEL 260 DUP REM L21 (45 DUPLICATES REMOVED)  
L\*\*\* DEL 195 S L21 NOT L20  
D 1-195  
L\*\*\* DEL 373 S L\*\*\* AND ATTRACT?  
D 1-373

FILE 'EMBASE, BIOSIS, EUROPATFULL, JAPIO, ADISCTI, ADISINSIGHT, ADISNEWS, BABS, BIOBUSINESS, BIOCOMMERCE, BIOTECHNO, CANCERLIT, CAPLUS, CBNB, CEN, CIN, CONFSCI, DGENE, DIOGENES, DRUGB, DRUGLAUNCH, DRUGMONOG2, DRUGNL, DRUGU, DRUGUPDATES, EMBAL, ESBIODBASE, ...' ENTERED AT 12:46:46 ON 06 APR 2003

D 363 IALL  
D 366 IALL

D 373  
D 366-372  
D 372 IALL  
D 371 IALL  
L\*\*\* DEL 346 DUP REM L\*\*\* (27 DUPLICATES REMOVED)  
D 1-346  
D 262 KWIC  
D 242 KWIC  
D 90 IALL

FILE 'STNGUIDE' ENTERED AT 13:04:20 ON 06 APR 2003

FILE 'BIOSIS, EUROPATFULL, CAPLUS, IFIPAT, LIFESCI, SCISEARCH, USPATFULL, HSDB, CROPU' ENTERED AT 13:23:02 ON 06 APR 2003  
D 70 IALL

FILE 'STNGUIDE' ENTERED AT 13:23:03 ON 06 APR 2003

L\*\*\* DEL 0 S PENTANONE OR METHYL (2A) BUTANONE OR ETHYL ACETONE OR ETHYLAC

FILE 'EMBASE, BIOSIS, EUROPATFULL, JAPIO, ADISCTI, ADISINSIGHT, ADISNEWS, BABS, BIOBUSINESS, BIOCOMMERCE, BIOTECHNO, CANCERLIT, CAPLUS, CBNB, CEN, CIN, CONFSCI, DGENE, DIOGENES, DRUGB, DRUGLAUNCH, DRUGMONOG2, DRUGNL, DRUGU, DRUGUPDATES, EMBAL, ESBIODBASE, ...' ENTERED AT 13:30:11 ON 06 APR 2003

L\*\*\* DEL 33462 S PENTANONE OR METHYL (2A) BUTANONE OR ETHYL ACETONE OR ETHYLAC  
L\*\*\* DEL 2164 S L11 AND (L4 OR L18)  
L\*\*\* DEL 409102 S L11  
L\*\*\* DEL 35253 S L4 OR L18  
L\*\*\* DEL 2171 S L20 AND L21  
L\*\*\* DEL 17 S L22 AND MOSQUITO?

D 1-17  
D 17 KWIC  
D 17 IALL

L\*\*\* DEL 44 S L21 AND MOSQUITO? AND ATTRACT?

D 1-44  
D 14 KWIC

L\*\*\* DEL 3 S ACETONE (5A) ATTRACT? (5A) MOSQUITO?

D 1-3

L\*\*\* DEL 7 S ACETONE (15A) ATTRACT? (15A) MOSQUITO?

D 1-7  
D 7 KWIC  
D 2 IALL

L\*\*\* DEL 10 S ACETONE (25A) ATTRACT? (25A) MOSQUITO?

D 1-10  
D 6 KWIC

L\*\*\* DEL 24 S ACETONE (55A) ATTRACT? (55A) MOSQUITO?

D 1-24  
D 24 IALL

L\*\*\* DEL 59 S ACETONE (9999A) ATTRACT? (9999A) MOSQUITO?

L\*\*\* DEL 45 DUP REM L22 (14 DUPLICATES REMOVED)

D 1-45

L\*\*\* DEL 0 S (METHYLKETONE OR METHYL KETONE OR KETOPROPANE OR KETO PROPANE

L\*\*\* DEL 13 S (METHYLKETONE OR METHYL KETONE OR KETOPROPANE OR KETO PROPANE

D 1-13

L\*\*\* DEL 517 S (ACETONE OR METHYLKETONE OR METHYL KETONE OR KETOPROPANE OR K

L\*\*\* DEL 490 DUP REM L\*\*\* (27 DUPLICATES REMOVED)

D 1-490  
D 487 IALL  
D 280 KWIC  
D 214 IALL  
D 176 KWIC

L18 33462 SEA PENTANONE OR METHYL (2A) BUTANONE OR ETHYL ACETONE OR  
ETHYLACETONE OR METHYL (2A) PROPYL KETONE OR METHYLPROPYLKETONE  
OR METHYLPROPYL KETONE OR METHYL PROPYLKETONE OR PROPYLMETHYLK

ETONE OR PROPYL METHYLKETONE OR PROPYL METHYL KETONE

L19 43 SEA L18 (25A) L17  
D 1-43  
D 1-43 KWIC

L20 1590 SEA (ACETONE OR METHYLKETONE OR METHYL KETONE OR KETOPROPANE  
OR KETO PROPANE OR DIMETHYKETONE OR DIMETHYL KETONE OR  
DIMETHYLFORMALDEHYDE OR DIMETHYL FORMALDEHYDE OR PROPANONE OR  
PYROACETIC ETHER OR PYROACETICETHER) (25A) L17

L21 65 SEA L20 (25A) (CO2 OR CO".SUB."2 OR CARBON DIOXIDE)  
D 1-65  
D 39 KWIC  
D 39  
D 39 IALL

L22 14 SEA L20 AND ATTRACT? AND MOSQUITO?  
D 1-14

L23 27 SEA (ACETONE OR METHYLKETONE OR METHYL KETONE OR KETOPROPANE  
OR KETO PROPANE OR DIMETHYKETONE OR DIMETHYL KETONE OR  
DIMETHYLFORMALDEHYDE OR DIMETHYL FORMALDEHYDE OR PROPANONE OR  
PYROACETIC ETHER OR PYROACETICETHER) (L) L17 AND ATTRACT? AND  
MOSQUITO?  
D 1-27  
D 3 IALL

d his

(FILE 'HOME' ENTERED AT 16:32:02 ON 06 APR 2003)

FILE 'EMBASE, BIOSIS, EUROPATFULL, JAPIO, ADISCTI, ADISINSIGHT, ADISNEWS, BABS, BIOBUSINESS, BIOCOMMERCE, BIOTECHNO, CANCERLIT, CAPLUS, CBNB, CEN, CIN, CONFSCI, DGENE, DIOGENES, DRUGB, DRUGLAUNCH, DRUGMONOG2, DRUGNL, DRUGU, DRUGUPDATES, EMBAL, ESBIODASE, ...' ENTERED AT 16:32:29 ON 06 APR 2003

L1 36081 S LACTIC ACID/CN  
L2 394725 S LACTIC OR HYDROXYPROPIONIC OR HYDROXY PROPIONIC OR HYDROXYMET  
L3 1258 S DIMETHYL DISULFIDE/CN  
L4 12000 S DIMETHYLDISULFIDE OR DIMETHYLDISULPHIDE OR (DIMETHYL OR METHY  
L5 394725 S L1 OR L2  
L6 12000 S L3 OR L4  
L7 451 S L5 AND L6  
L8 65 S L7 AND MOSQUITO?  
L9 119 S L6 AND MOSQUITO? NOT L8  
L10 112 DUP REM L9 (7 DUPLICATES REMOVED)  
L11 30 S L10 AND ATTRACT?  
L12 386 S L7 NOT (MOSQUITO?)

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(FILE 'HOME' ENTERED AT 16:32:02 ON 06 APR 2003)

FILE 'EMBASE, BIOSIS, EUROPATFULL, JAPIO, ADISCTI, ADISINSIGHT, ADISNEWS, BABS, BIOBUSINESS, BIOCOMMERCE, BIOTECHNO, CANCERLIT, CAPLUS, CBNB, CEN, CIN, CONFSCI, DGENE, DIOGENES, DRUGB, DRUGLAUNCH, DRUGMONOG2, DRUGNL, DRUGU, DRUGUPDATES, EMBAL, ESBIODASE, ...' ENTERED AT 16:32:29 ON 06 APR 2003

L1 36081 SEA LACTIC ACID/CN  
L2 394725 SEA LACTIC OR HYDROXYPROPIONIC OR HYDROXY PROPIONIC OR  
HYDROXYMETHYLACETIC OR HYDROXY (2A) METHYLACETIC OR HYDROXYMETH  
YL ACETIC OR HYDROXY (2A) METHYL ACETIC OR HYDROXYPROPANOIC OR  
HYDROXY PROPANOIC OR BIOLAC OR CHEM CAST OR MILK ACID OR  
PURACC FCC 88 OR TONSILLOSAN  
L3 1258 SEA DIMETHYL DISULFIDE/CN  
L4 12000 SEA DIMETHYLDISULFIDE OR DIMETHYLDISULPHIDE OR (DIMETHYL OR  
METHYL) (A) (DISULPHIDE OR DISULFIDE) OR METHYLDISULFIDE OR  
METHYLDISULPHIDE OR METHYLDITHIOMETHANE OR METHYLDITHIO  
METHANE OR METHYL DITHIOMETHANE OR METHYL DITHIO METHANE OR  
DITHIABUTANE OR DITHIA BUTANE SULFA-HITECH  
L5 394725 SEA L1 OR L2  
L6 12000 SEA L3 OR L4  
L7 451 SEA L5 AND L6  
L8 65 SEA L7 AND MOSQUITO?  
D 1-65  
L9 119 SEA L6 AND MOSQUITO? NOT L8  
L10 112 DUP REM L9 (7 DUPLICATES REMOVED)  
L11 30 SEA L10 AND ATTRACT?  
D 1-30  
L12 386 SEA L7 NOT (MOSQUITO?)  
D L10 1-112  
D 1- KWIC

FILE HOME

FILE EMBASE

FILE COVERS 1974 TO 3 Apr 2003 (20030403/ED)

EMBASE has been reloaded. Enter HELP RLOAD for details.

This file contains CAS Registry Numbers for easy and accurate  
substance identification.

FILE BIOSIS

FILE COVERS 1969 TO DATE.

CAS REGISTRY NUMBERS AND CHEMICAL NAMES (CNS) PRESENT  
FROM JANUARY 1969 TO DATE.

RECORDS LAST ADDED: 2 April 2003 (20030402/ED)

FILE EUROPATFULL

FILE LAST UPDATED: 1 APR 2003 <20030401/UP>

MOST RECENT EPO WEEK: 200313 <200313/EW>

FILE COVERS 1987 TO DATE

>>>>>The LIMIT feature has been removed <<<<<



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(FILE 'HOME' ENTERED AT 16:32:02 ON 06 APR 2003)

FILE 'EMBASE, BIOSIS, EUROPATFULL, JAPIO, ADISCTI, ADISINSIGHT, ADISNEWS, BABS, BIOBUSINESS, BIOCOMMERCE, BIOTECHNO, CANCERLIT, CAPLUS, CBNB, CEN, CIN, CONFSCI, DGENE, DIOGENES, DRUGB, DRUGLAUNCH, DRUGMONOG2, DRUGNL, DRUGU, DRUGUPDATES, EMBAL, ESBIODBASE, ...' ENTERED AT 16:32:29 ON 06 APR 2003

L1 36081 SEA LACTIC ACID/CN  
L2 394725 SEA LACTIC OR HYDROXYPROPIONIC OR HYDROXY PROPIONIC OR  
HYDROXYMETHYLACETIC OR HYDROXY (2A) METHYLACETIC OR HYDROXYMETH  
YL ACETIC OR HYDROXY (2A) METHYL ACETIC OR HYDROXYPROPANOIC OR  
HYDROXY PROPANOIC OR BIOLAC OR CHEM CAST OR MILK ACID OR  
PURACC FCC 88 OR TONSILLOSAN  
L\*\*\* DEL 1258 S DIMETHYL DISULFIDE/CN  
L\*\*\* DEL 12000 S DIMETHYLDISULFIDE OR DIMETHYLDISULPHIDE OR (DIMETHYL OR METHY  
L\*\*\* DEL 394725 S L1 OR L2  
L\*\*\* DEL 12000 S L3 OR L\*\*\*  
L\*\*\* DEL 451 S L5 AND L6  
L\*\*\* DEL 65 S L7 AND MOSQUITO?  
D 1-65  
L\*\*\* DEL 119 S L6 AND MOSQUITO? NOT L8  
L\*\*\* DEL 112 DUP REM L9 (7 DUPLICATES REMOVED)  
L\*\*\* DEL 30 S L10 AND ATTRACT?  
D 1-30  
L\*\*\* DEL 386 S L7 NOT (MOSQUITO?)  
D L10 1-112  
D 1- KWIC  
L3 2237 SEA GLYCOLIC ACID/CN  
L\*\*\* DEL 1792 S GLYCOLIC AND HYDROXYACETIC OR HYDROXY ACETIC OR GLYCOCIDE OR  
L5 394725 SEA L1 OR L2  
L\*\*\* DEL 4006 S L3 OR L\*\*\*  
L\*\*\* DEL 1459 S L5 AND L6  
L\*\*\* DEL 2 S L7 AND MOSQUITO?  
D 1-  
D 2 IALL  
L6 58420 SEA GLYCOLIC OR HYDROXYACETIC OR HYDROXY ACETIC OR GLYCOCIDE  
OR GLYPURE OR HYDROXY ETHANOIC OR HYDROXYETHANOIC  
L7 58520 SEA L3 OR L6  
L8 44 SEA L7 AND MOSQUITO? AND ATTRACT?  
D 1-44  
L9 1785158 SEA CARBON DIOXIDE/CN OR CO2 OR CO".SUB."2 OR CARBON DIOXIDE  
L10 5253 SEA L5 AND L7 AND L9  
L11 155 SEA (CO2 OR CO".SUB."2 OR CARBON DIOXIDE) (50A) L2 (50A) L6  
L12 127 DUP REM L11 (28 DUPLICATES REMOVED)  
D 1-50 KWIC  
D 50-60 KWIC  
D 61-90  
D 90- KWIC

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(FILE 'HOME' ENTERED AT 16:32:02 ON 06 APR 2003)

FILE 'EMBASE, BIOSIS, EUROPATFULL, JAPIO, ADISCTI, ADISINSIGHT, ADISNEWS, BABS, BIOBUSINESS, BIOCOMMERCE, BIOTECHNO, CANCERLIT, CAPLUS, CBNB, CEN, CIN, CONFSCI, DGENE, DIOGENES, DRUGB, DRUGLAUNCH, DRUGMONOG2, DRUGNL, DRUGU, DRUGUPDATES, EMBAL, ESBIODBASE, ...' ENTERED AT 16:32:29 ON 06 APR 2003

L1 36081 SEA LACTIC ACID/CN  
L2 394725 SEA LACTIC OR HYDROXYPROPIONIC OR HYDROXY PROPIONIC OR  
HYDROXYMETHYLACETIC OR HYDROXY (2A) METHYLACETIC OR HYDROXYMETH  
YL ACETIC OR HYDROXY (2A) METHYL ACETIC OR HYDROXYPROPANOIC OR  
HYDROXY PROPANOIC OR BIOLAC OR CHEM CAST OR MILK ACID OR  
PURACC FCC 88 OR TONSILLOSAN  
L\*\*\* DEL 1258 S DIMETHYL DISULFIDE/CN  
L\*\*\* DEL 12000 S DIMETHYLDISULFIDE OR DIMETHYLDISULPHIDE OR (DIMETHYL OR METHY  
L\*\*\* DEL 394725 S L1 OR L2  
L\*\*\* DEL 12000 S L\*\*\* OR L\*\*\*  
L\*\*\* DEL 451 S L5 AND L6  
L\*\*\* DEL 65 S L7 AND MOSQUITO?  
D 1-65  
L\*\*\* DEL 119 S L6 AND MOSQUITO? NOT L8  
L\*\*\* DEL 112 DUP REM L9 (7 DUPLICATES REMOVED)  
L\*\*\* DEL 30 S L10 AND ATTRACT?  
D 1-30  
L\*\*\* DEL 386 S L7 NOT (MOSQUITO?)  
D L10 1-112  
D 1- KWIC  
L\*\*\* DEL 2237 S GLYCOLIC ACID/CN  
L\*\*\* DEL 1792 S GLYCOLIC AND HYDROXYACETIC OR HYDROXY ACETIC OR GLYCOCIDE OR  
L5 394725 SEA L1 OR L2  
L\*\*\* DEL 4006 S L\*\*\* OR L\*\*\*  
L\*\*\* DEL 1459 S L5 AND L6  
L\*\*\* DEL 2 S L7 AND MOSQUITO?  
D 1-  
D 2 IALL  
L\*\*\* DEL 58420 S GLYCOLIC OR HYDROXYACETIC OR HYDROXY ACETIC OR GLYCOCIDE OR G  
L\*\*\* DEL 58520 S L\*\*\* OR L6  
L\*\*\* DEL 44 S L7 AND MOSQUITO? AND ATTRACT?  
D 1-44  
L\*\*\* DEL 1785158 S CARBON DIOXIDE/CN OR CO2 OR CO".SUB."2 OR CARBON DIOXIDE  
L\*\*\* DEL 5253 S L5 AND L7 AND L9  
L\*\*\* DEL 155 S (CO2 OR CO".SUB."2 OR CARBON DIOXIDE) (50A) L2 (50A) L6  
L\*\*\* DEL 127 DUP REM L13 (28 DUPLICATES REMOVED)  
D 1-50 KWIC  
D 50-60 KWIC  
D 61-90  
D 90- KWIC  
L6 6813 SEA CARBON DISULFIDE/CN  
L7 69209 SEA (CARBON) (A) (DISULFIDE OR DISULPHIDE OR BISULFIDE OR  
BISULPHIDE) OR DITHIOCARBONICANHYDRIDE OR DITHIO CARBONIC  
ANHYDRIDE OR DITHIOCARBONIC ANHYDRIDE OR DITHIO CARBONICANHYDRI  
DE  
L8 69209 SEA L6 OR L7  
L9 1424 SEA L8 AND L5  
L10 1381 DUP REM L9 (43 DUPLICATES REMOVED)  
L11 167 SEA L8 AND MOSQUITO?  
L12 161 DUP REM L11 (6 DUPLICATES REMOVED)  
D 1-161  
L13 584 SEA (CARBON DIOXIDE/CN OR CO2 OR CO".SUB."2 OR CARBON DIOXIDE)  
AND L5 AND L8  
L14 570 DUP REM L13 (14 DUPLICATES REMOVED)  
D 1-570 KWIC

L15

811 SEA L10 NOT L13

D 1- KWUC

D 811 IALL

D 129

D 129 IALL

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(FILE 'HOME' ENTERED AT 16:32:02 ON 06 APR 2003)

FILE 'EMBASE, BIOSIS, EUROPATFULL, JAPIO, ADISCTI, ADISINSIGHT, ADISNEWS, BABS, BIOBUSINESS, BIOCOMMERCE, BIOTECHNO, CANCERLIT, CAPLUS, CBNB, CEN, CIN, CONFSCI, DGENE, DIOGENES, DRUGB, DRUGLAUNCH, DRUGMONOG2, DRUGNL, DRUGU, DRUGUPDATES, EMBAL, ESBIODBASE, ...' ENTERED AT 16:32:29 ON 06 APR 2003

L1 36081 SEA LACTIC ACID/CN  
L2 394725 SEA LACTIC OR HYDROXYPROPIONIC OR HYDROXY PROPIONIC OR  
HYDROXYMETHYLACETIC OR HYDROXY (2A) METHYLACETIC OR HYDROXYMETH  
YL ACETIC OR HYDROXY (2A) METHYL ACETIC OR HYDROXYPROPANOIC OR  
HYDROXY PROPANOIC OR BIOLAC OR CHEM CAST OR MILK ACID OR  
PURACC FCC 88 OR TONSILLOSAN  
L\*\*\* DEL 1258 S DIMETHYL DISULFIDE/CN  
L\*\*\* DEL 12000 S DIMETHYLDISULFIDE OR DIMETHYLDISULPHIDE OR (DIMETHYL OR METHY  
L\*\*\* DEL 394725 S L1 OR L2  
L\*\*\* DEL 12000 S L\*\*\* OR L\*\*\*  
L\*\*\* DEL 451 S L5 AND L6  
L\*\*\* DEL 65 S L7 AND MOSQUITO?  
D 1-65  
L\*\*\* DEL 119 S L6 AND MOSQUITO? NOT L\*\*\*  
L\*\*\* DEL 112 DUP REM L\*\*\* (7 DUPLICATES REMOVED)  
L\*\*\* DEL 30 S L\*\*\* AND ATTRACT?  
D 1-30  
L\*\*\* DEL 386 S L7 NOT (MOSQUITO?)  
D L\*\*\* 1-112  
D 1- KWIC  
L\*\*\* DEL 2237 S GLYCOLIC ACID/CN  
L\*\*\* DEL 1792 S GLYCOLIC AND HYDROXYACETIC OR HYDROXY ACETIC OR GLYCOCIDE OR  
L5 394725 SEA L1 OR L2  
L\*\*\* DEL 4006 S L\*\*\* OR L\*\*\*  
L\*\*\* DEL 1459 S L5 AND L6  
L\*\*\* DEL 2 S L7 AND MOSQUITO?  
D 1-  
D 2 IALL  
L\*\*\* DEL 58420 S GLYCOLIC OR HYDROXYACETIC OR HYDROXY ACETIC OR GLYCOCIDE OR G  
L\*\*\* DEL 58520 S L\*\*\* OR L6  
L\*\*\* DEL 44 S L7 AND MOSQUITO? AND ATTRACT?  
D 1-44  
L\*\*\* DEL 1785158 S CARBON DIOXIDE/CN OR CO2 OR CO".SUB."2 OR CARBON DIOXIDE  
L\*\*\* DEL 5253 S L5 AND L7 AND L\*\*\*  
L\*\*\* DEL 155 S (CO2 OR CO".SUB."2 OR CARBON DIOXIDE) (50A) L2 (50A) L6  
L\*\*\* DEL 127 DUP REM L\*\*\* (28 DUPLICATES REMOVED)  
D 1-50 KWIC  
D 50-60 KWIC  
D 61-90  
D 90- KWIC  
L\*\*\* DEL 6813 S CARBON DISULFIDE/CN  
L\*\*\* DEL 69209 S (CARBON) (A) (DISULFIDE OR DISULPHIDE OR BISULFIDE OR BISULPH  
L\*\*\* DEL 69209 S L6 OR L7  
L\*\*\* DEL 1424 S L\*\*\* AND L5  
L\*\*\* DEL 1381 DUP REM L\*\*\* (43 DUPLICATES REMOVED)  
L\*\*\* DEL 167 S L\*\*\* AND MOSQUITO?  
L\*\*\* DEL 161 DUP REM L\*\*\* (6 DUPLICATES REMOVED)  
D 1-161  
L\*\*\* DEL 584 S (CARBON DIOXIDE/CN OR CO2 OR CO".SUB."2 OR CARBON DIOXIDE) AN  
L\*\*\* DEL 570 DUP REM L\*\*\* (14 DUPLICATES REMOVED)  
D 1-570 KWIC  
L\*\*\* DEL 811 S L\*\*\* NOT L\*\*\*  
D 1- KWUC  
D 811 IALL

D 129  
D 129 IALL  
L6 80346 SEA PYRUVIC ACID/CN OR PYRUVIC OR OXOPROPANOIC OR OXO (2A)  
PROPANOIC OR KETOPROPIONIC OR KETOPROPIONIC OR KETOPROPANOIC  
OR KETO PROPANOIC OR ACETYLFORMIC OR ACTYL FORMIC OR PYRORACEMI  
C OR PYRO RACEMIC  
L7 91 SEA L6 AND MOSQUITO?  
L8 68 DUP REM L7 (23 DUPLICATES REMOVED)  
D 1-68  
D 38 IALL  
D 36 IALL